Saskatchewan Health
Community Services
North Battleford Region

North Battleford Health Region # 13

Annual Review

1983 - 1984

RECEIVED
MAY - 7 1984
LEGISLATIVE
LIBRARY

Saskatchewan

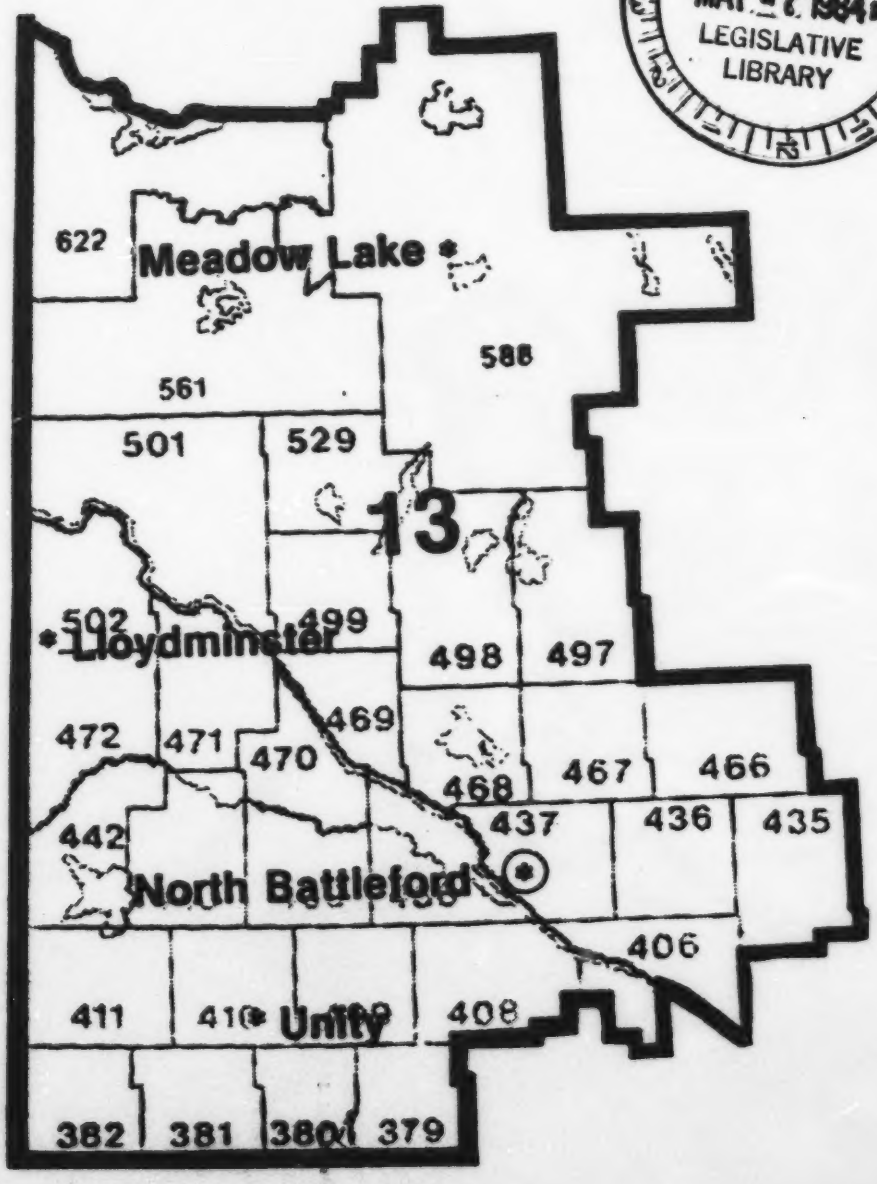

TABLE OF CONTENTS

Page 2	Personnel at March 31, 1984
Page 3	Personnel Changes (April 1, 1983 - March 31, 1984)
Pages 4,5,6,7	Health Districts, [illegible]ct Health Councillors (At March 31, 1984) and [illegible]ulations (At June 30, 1981-82-83)
Page 8	Births(1983) and Causes of Death (1983)
Page 9	Communicable Diseases Reported
Page 10	Communicable Disease Control
Pages 11, 12	Director and Medical Officer's Report
Page 13	Nursing Supervisor's Report
Page 14	Nursing Services Statistics
Pages 15, 16	Senior Public Health Inspector's Report
Page 17	Public Health Inspection Services Statistics
Page 18	Nutritionist's Report
Page 19	Nutritionist Services Statistics
Page 20	Early Childhood Psychologist's Report
Page 21	Early Childhood Psychology Services Statistics
Page 22	Speech and Language Pathologists' Report
Page 23	Speech and Language Pathology Services Statistics
Page 24	Sexually Transmitted Diseases Clinic Report

PERSONNEL

(at March 31, 1984)

North Battleford

Dr. P. F. Schnee, Director & Medical Health Officer
Miss M. Marshall Nursing Supervisor
Mrs. G. Johnstone, P.H.N. II
Miss E. J. Bugg, P.H.N. II
Ms. S. Craig, P.H.N.
Miss S. Robinson, P.H.N.
Mrs. P. Schille, P.H.N.
Mrs. E. Verret, P.H.N.
Mrs. E. Scott, P.H.N. *
Miss. I. Boudreau, P.H.N.
Mrs. R. Patterson, P.H.N.

Mr. W. Lucarz, Sr. Public Health Inspector
Mr. R. Koroluk, P.H.I. II
Mr. Kim Lee, P.H.I., (Unity District)
Miss E. Klemetski, P.H.I.
Mrs. B. Robertson, Speech-Language Pathologist
Ms. M. Pioro, Nutritionist
Mr. H. Cherland, Early Childhood Psychologist
Mrs. J. Ham, Senior Stenographer
Mrs. Y. Gratton, Clerk-Typist II
Mrs. C. Pattinson, Clerk-Typist II
Mrs. D. Bruynooghe, Clerk-Typist II *
Mrs. S. Kozak, Clerk I *
Mrs. S. Frank, Clerk-Typist II *
Mr. A. F. Jessop, P.H.I.*

Lloydminster

Mrs. J. Rutherford, P.H.N.
Mrs. I. Hauth, P.H.N.
Mrs. G. Burrows, P.H.N. (temporary)
Mrs. L. Sauer, P.H.N. *
Mrs. K. D. McKenzie-Weinhandl, P.H.N.

Miss K. Allan, P.H.I.
Mrs. O. Martens, Speech-Language Pathologist
Ms. V. Larson, Clerk-Typist II

Meadow Lake

Mrs. I. Carbert, P.H.N.
Mrs. S. Hamer, P.H.N. *
Mrs. S. Hewko, P.H.N.
Mrs. S. Hart, P.H.N. *

Mrs. C. Vidal, Clerk-Typist II*
(Public Health Inspector position vacant)

Unity

Mrs. L. Wade, P.H.N.
Miss C. Fowke, P.H.N.

Mrs. M. Sirrs, Clerk I*
(P.H.I. located in North Battleford)

* Indicates part-time.

PERSONNEL CHANGES
(April 1, 1983 - March 31, 1984)

NORTH BATTLEFORD OFFICE

David Evans, P.H.I. I, resigned May 31.
Donna Bruynooghe, Clerk-Typist II, took maternity leave May 24 to November 1.
Donna Sabroe, Clerk-Typist II, worked part-time from August 5 to October 31.
Hilda Swiftwolfe, Prenatal Nutrition Counsellor, terminated May 31.
Ken Startup, P.H.I. Trainee, took field training from June 1 to August 23.
Sandra Frank, Clerk-Typist II, was on leave from July 4 to August 29.
Joan Potratz, Clerk-Typist II, (casual) worked from July 22 to August 26.
Glenda Velmer, Prenatal Nutrition Counsellor, terminated July 29.
Isabelle Boudreau, P.H.N. I, transferred from Unity to North Battleford August 15.
Louise Carr, P.H.N. I, (part-time) resigned August 4, due to I. Boudreau's transfer.
Bonnie Robertson, Speech Pathologist, took maternity leave from September 19 to February 11.
Rhonda Patterson, P.H.N. I, returned from maternity leave October 3.
Laura Willmott, P.H.N. I, terminated September 30 because Mrs. Patterson returned.
Jean Bugg, P.H.N. I, commenced P.H.N. II duties effective December 9.
Charlotte Hamilton and Eva Scott, P.H.N. Is, who shared the vacant P.H.N. II position, were compelled to resign when this position was filled. Permission was not granted to share the vacant P.H.N. I position.
Kim Lee, P.H.I. I, commenced January 9, filling Dave Evan's position.
Maggie Pioro, Regional Nutritionist, converted from part-time to permanent February 13.
Eva Scott, P.H.N. I, recommenced part-time March 5.
Arnold Jessop, P.H.I., worked several periods of casual employment, the first ending July 14, the second from August 22 to September 30, and the third commenced October 20.

LLOYDMINSTER OFFICE

Dawn McKenzie-Weinhandl, P.H.N. I, returned from maternity leave July 4.
Darlene Morgan, P.H.N. I, terminated when Mrs. McKenzie-Weinhandl returned.
Joyce Rutherford, P.H.N. I, returned from adoption leave on September 1.
Kathy Bloch-Hansen, P.H.N. I, commenced maternity leave February 20.
Gladys Burrows, P.H.N. I, resigned temporary employment due to Mrs. Rutherford's return. She recommenced temporary employment February 20, to cover Mrs. Bloch-Hansen's position.

MEADOW LAKE

Irmgard Carbert, P.H.N. I, took leave of absence from July 6 to September 1.
Dwayne Laushway, P.H.N. I, transferred to Saskatoon Rural Health Region October 7.

UNITY

Isabelle Boudreau, P.H.N. I, to North Battleford August 15.
Carol Fowke, P.H.N. I, commenced September 6.

HEALTH DISTRICTS, DISTRICT HEALTH COUNCILLORS (AT MARCH 31, 1984)

AND POPULATION (AT JUNE 30, 1981-82-83, SHSP DATA)

(*Indicates Regional Board Member At March 31, 1984)

NORTH BATTLEFORD HEALTH DISTRICT #1

Municipalities	District Health Councillors	Population		
		1981	1982	1983
North Battleford (City)	H. James Maher J.A. Amos *Mrs. E. Kerr D. Pattinson L. Piper J.D. Ross G. Hornick	14,134	14,425	14,547
Battleford (Town)	*J. Degenstien	3,596	3,744	3,734
	TOTAL POPULATION DISTRICT #1	17,730	18,169	18,281

NORTH BATTLEFORD HEALTH DISTRICT #2

Municipalities	District Health Councillors	Population		
		1981	1982	1983
R.M. #377, Glenside	R.F. Fullerton (Part of R.M.)	100	100	100
R.M. #406, Mayfield	D. Roberts	532	560	567
- Denholm (Village)	H. Moffatt	106	97	109
- Maymont (Village)	C. Pauls	234	212	206
- Ruddell (Village)	K. Wilkinson	27	28	30
R.M. #408, Prairie	R. Radchenko	590	569	617
R.M. #435, Redberry	D. Paulow	680	709	701
- Hafford (Town)	A. Herman	599	545	555
- Krydor (Village)	W. Grewa	76	74	72
R.M. #436, Douglas	R. Tanchuk	626	615	636
- Richard (Village)	L. Johnston	26	33	21
- Speers (Village)	T.E. Nicholson	111	115	116
R.M. #437, North Battleford	W. Clark	849	866	910
R.M. #438, Battle River	G. Jackson	829	820	865
R.M. #439, Cut Knife	E. How	553	541	540
- Cut Knife (Town)	Mrs. D. McInnis	594	625	614
- Rockhaven (Village)	R.R. Loranger	50	50	48
R.M. #440, Hillsdale	H. Ramsay (Half R.M.)	342	354	349

Municipalities	District Health Councillors	Population 1981	1982	1983
R.M. #466, Meeting Lake	Mrs. M. Toews	853	868	794
R.M. #467, Round Hill	W. Ewanchuk	458	465	475
- Rabbit Lake (Village)	* I. McLennan	160	151	159
R.M. #468, Meota	K. Tucker	1,050	1,040	1,063
- Meota (Village)	Mrs. V. MacLeod	271	279	269
R.M. #497, Medstead	W. Boldt	803	804	804
- Medstead (Village)	Rev. V.J. Nickel	187	203	201
R.M. #498, Parkdale	L. Ferguson	778	742	725
- Glaslyn (Village)	K. Davies	458	455	492
	TOTAL POPULATION DISTRICT #2	11,942	11,920	12,038

UNITY HEALTH DISTRICT #3

Municipalities	District Health Councillors	Population 1981	1982	1983
R.M. #379, Reford	E. Bleier	607	585	594
- Landis (Village)	Mrs. V. Johnson	304	290	294
R.M. #380, Tramping Lake	N. McKenzie	435	412	421
- Scott (Town)	V. Schwab	215	204	199
R.M. #381, Grass Lake	* V. Schaab	662	611	647
- Salvador (Village)	K. Gerling	56	62	63
R.M. #382, Eye Hill	N. Leibel	836	838	832
- Macklin (Town)	* E. Frison	1,009	1,034	1,086
- Denzil (Village)	L. Sieben	220	229	214
- Evesham (Village)	Mrs. E. Partington	52	55	65
- Primate (Village)	E. Scherger	56	65	73
R.M. #409, Buffalo	Mrs. I. McIntosh	603	603	601
- Wilkie (Town)	Mrs. D. Meier	1,617	1,613	1,605
R.M. #410, Round Valley	C. Beaman	609	583	597
- Unity (Town)	Mrs. M. Goodhew	2,486	2,583	2,523
- Adanac (Village)	Mrs. V. Ralston	27	26	29
R.M. #411, Senlac	C. Claughton	393	395	385
- Senlac (Village)	G. Bradshaw	127	112	93
	TOTAL POPULATION DISTRICT #3	10,314	10,300	10,321

LLOYDMINSTER RURAL HEALTH DISTRICT #4

Municipalities	District Health Councillors	Population		
		1981	1982	1983
R.M. #440, Hillsdale	J.R. Goodfellow (Half R.M.)	342	354	349
- Neilburg (Village)	N. Peart	346	335	351
R.M. #442, Manitou Lake	T. Lamb	719	712	710
- Marsden (Village)	Mrs. J. Brannick	260	249	244
R.M. #470, Paynton	W. Utri	349	366	373
- Paynton (Village)	H.F. Ferguson	217	236	243
R.M. #471, Eldon	G. Taylor	875	947	940
- Maidstone (Town)	A. Noble	1,141	1,022	1,092
- Waseca (Village)	W. Snell	175	189	192
R.M. #472, Wilton	Mrs. L. Beamish	1,814	1,887	1,890
- Lashburn (Town)	B. Martens	867	829	861
- Marshall (Village)	Mrs. S. Broley	468	429	496
R.M. #502, Britannia	J. Oliver	1,338	1,411	1,463
	TOTAL POPULATION DISTRICT #4	8,911	8,966	9,204

TURTLEFORD HEALTH DISTRICT #5

Municipalities	District Health Councillors	Population		
		1981	1982	1983
R.M. #469, Turtle River	O. Jones	449	446	439
- Edam (Village)	Mrs. K. Kindrachuk	393	430	411
- Vawn (Village)	E. Fortier	83	99	95
R.M. #499, Mervin	H. Kopp	899	931	936
- Mervin (Village)	J. Otteson	173	164	173
- Turtleford (Village)	Dr. J. Richards	518	522	552
R.M. #501, Frenchman Butte	J.B. Larre	1,578	1,572	1,620
- St. Walburg (Town)	Mrs. J. Prosser	768	744	759
- Paradise Hill (Village)	Mrs. M. Lathan	438	457	443
R.M. #529, Greenfield	H. Rosendahl	439	410	392
- Spruce Lake (Village)	M. Nolte	96	75	98
	TOTAL POPULATION DISTRICT #5	5,834	5,850	5,918

MEADOW LAKE HEALTH DISTRICT #6

Municipalities	District Health Councillors	Population 1981	1982	1983
R.M. #561, Loon Lake	A. Duchesne	989	994	950
- Loon Lake (Village)	* Dr. F. Scott	409	371	409
- Makwa (Village)	P. Beaulieu	122	114	126
R.M. #588, Meadow Lake	E. Bowers	2,442	2,460	2,403
- Meadow Lake (Town)	J. Broadley	4,345	4,214	4,292
R.M. #622, Beaver River	J. Greschner	1,233	1,213	1,183
- Goodsoil (Village)	Mrs. M. Slager	232	245	253
- Pierceland (Village)	Mrs. I. Muehlbauer	411	436	492
	TOTAL POPULATION DISTRICT #6	10,183	10,047	10,108

LLOYDMINSTER CITY HEALTH DISTRICT #7

Municipalities	District Health Councillors		Population 1981	1982	1983
Lloydminster (City)	* Mrs. P. Gulak	(Sask.)	6,003	6,236	6,005
	* C. MacKay	(Alta.)	9,029	9,029	9,226
	H. Flieger				
	D. Funk				
	W. Stewart				
	R. Summers-Gill				
	TOTAL POPULATION DISTRICT #7		15,032	15,265	15,231
TOTAL FOR REGION (EXCLUDING INDIANS ON RESERVES)			79,946	80,517	81,125

POPULATION CHANGES

	1979	1980	1981	1982	1983
Reserves	8,133	8,402	8,591	8,722	8,937
Alta. Side of Lloydminster	7,532	8,540	9,029	9,029	9,226
All Others	69,625	70,578	70,917	71,488	71,899
TOTAL REGIONAL POPULATION	85,290	87,520	88,537	89,239	90,062

Also, about 300 rural Alberta children attend Lloydminster City Schools

Area of Health Region: 17,800 square miles

BIRTHS (1983, Including Reserves)

Births by Mother's Age and Marital Status

AGE	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45+	TOTAL	%
Total	2	238	579	470	191	42	7	1	1530	100%
Married	0	62	403	408	163	34	7	1	1078	70%
Other	2	176	176	62	28	8	0	0	452	30%

BIRTHS (Excluding Reserves)

BIRTHS	1981	1982	1983
Total	1,347	1,456	1,308
Native	49	51	35
Non-Native	1,298	1,405	1,273
Married	82%	82%	82%
Other	18%	18%	18%

VITAL EVENTS (1983, Including Reserves)

BIRTHS	DEATHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	STILL BIRTHS	INFANT DEATH RATE	PERINATAL DEATH RATE
1,530	593	17	7	18	12	11.11	11.67

CAUSES OF DEATH (1983, Including Reserves)

CAUSES	ALL AGES TOTAL	ALL AGES MALE	ALL AGES FEMALE	AGE CATEGORIES 15	AGE CATEGORIES 15-64	AGE CATEGORIES 65+
All Causes of Death	593	344	249	30	135	428
Tuberculosis	1	0	1	0	0	1
Other Infectious Parasitic Diseases	1	1	0	0	0	1
Cancer	123	74	49	0	34	89
Endocrine & Metabolic Diseases	15	8	7	1	3	11
Disease of Blood/Forming Organs	1	1	0	0	0	1
Mental Disorders	2	2	0	0	1	1
Diseases of the Nervous System	11	6	5	4	2	5
Rheumatic Fever/Heart Disease	5	2	3	0	2	3
Heart and Blood Vessels	265	141	124	1	31	233
Other Diseases of Respiratory System	56	34	22	3	5	48
Other Parts of Digestive System	25	14	11	1	9	15
Diseases of Urinary System	7	6	1	0	2	5
Musculoskeletal and Connective Tissue	4	2	2	0	0	4
Congenital Anomalies	7	4	3	7	0	0
Conditions in Perinatal Period	4	4	0	4	0	0
Symptoms & Ill-Defined Conditions	4	3	1	3	0	1
Transport Accidents	20	12	8	3	13	4
Other Accidents, Poisoning, Fires, etc.	25	17	8	3	18	4
Suicide and Self-Inflicted Injury	14	11	3	0	12	2
Homicide and Intentional Injury	3	2	1	0	3	0

COMMUNICABLE DISEASES REPORTED

	1980-81	1981-82	1982-83	1983-84
Amoebiasis (amoebic dysentery)	1	-	1	1
Chickenpox	33	4	3	22
Diphtheria Cases	-	-	-	-
Diphtheria Carriers	1	-	-	-
Food Poisoning	8	2	1	-
Gastroenteritis (E. Coli)	17	35	8	1
Giardiasis	-	9	4	3
Hepatitis: A	-	2	1	32
B	-	-	1	9
Unspecified	62	31	16	18
Influenza	37	16	52	9
Leprosy	-	1	-	-
Malaria	1	-	-	-
Measles (Rubeola)	6	3	1	-
Meningitis/Encephalitis				
- Haemophilus	1	3	3	1
- Pneumococcal	-	-	-	-
- Other Bacterial	-	-	1	-
- Viral	2	1	1	-
Meningococcus	2	-	-	1
Mononucleosis (Infectious)	1	1	-	3
Mumps	15	4	-	-
Pediculosis (Lice)	-	6	-	5
Pertusis (Whooping Cough)	12	1	2	-
Ringworm	1	-	2	-
Rubella	2	1	1	-
Salmonellosis	24	19	22	34
Scabies	-	-	*26	9
Scarlet Fever	-	2	-	-
Shigellosis (Bacillary Dysentery) .	76	110	58	33
Streptococcus (Throat)	10	1	1	1
Typhoid	-	-	-	-
Other Viruses Isolated:				
- Adenoviruses	1	2	6	14
- Coxsackieviruses	-	3	1	2
- Cytomegaloviruses	1	-	-	-
- EB Virus	-	-	1	2
- Echoviruses	1	1	1	4
- Parainfluenza	-	-	1	-
- Reoviruses	-	1	1	-
- Rotaviruses	4	3	7	4
Other Bacteria Isolated:				
- Campylobacter	-	-	5	2
- Mycoplasma Pneumonia	-	-	1	-
- Impetigo	-	-	1	-
TOTAL REPORTED	319	262	230	210

* Includes 11 patients and 10 staff at Dr. Cooke Nursing Home, Lloydminster

COMMUNICABLE DISEASE CONTROL

Hepatitis A. Considerable Hepatitis A occurred this year throughout Northern Saskatchewan and North Battleford Health Region. Because of new lab tests, Hepatitis A can now easily be distinguished from Hepatitis B. Thus more cases can be notified as either "A" or "B" rather than "unspecified". A major outbreak occurred at La Loche which resulted in extensive publicity in all public media throughout Saskatchewan. The situation was confounded because viral gastroenteritis was also circulating in the community. From the end of December to January 27, twenty cases were confirmed (either clinical jaundice or laborator confirmation) and about an equal number of probable cases occurred. Fortunately the disease was very mild, no one being sick enough to require hospitalization. Some jaundiced children were not ill enough to stay home from school and had to be sent home. Nearly all the cases were in 5 - 8 year old children. The second "wave" of the outbreak occurred between February 6 and February 20, but it consisted of only four cases.

Hepatitis B. Nine cases were reported this year (because this disease is now being differentiated from Hepatitis A). An unusual event occurred in relation to Hepatitis B infection. A 7 month old infant died of autoimmune hemolytic anemia following a DPT injection. This child was found to be positive for HBsAg (hepatitis B virus) which it presumably acquired from its mother at birth. Apparently Hepatitis B infection can be associated with autoimmune disorders which may have been triggered by the DPT injection.

Scabies & Lice. Scabies recurred in the Dr. Cooke Nursing Home, but because of the experience gained from the outbreak the year before, this outbreak was quickly controlled. The source was an admission from a senior citizen's lodge. An information sheet was made for handout and an article was put in local papers concerning scabies. Lice and scabies were prevalant in schools during the winter but no extensive outbreaks occurred. Efficient action by public health nurses helped avoid the public uproar which can be associated with these infestations in schools.

T.B. Because the primary responsibility for T.B. control remains with another agency (Sask. Anti-T.B. League), considerable confusion exists concerning the community follow-up of T.B. cases. Hopefully the time will soon come when the health region will have the prime responsibility for T.B. follow-up, as it has for all other communicable diseases. An elderly woman, who was being treated for cancer suddenly died from a pulmonary hemorrhage. An autopsy revealed she had active pulmonary T.B. Some close family contacts acquired infection from her.

Fish Tapeworm (Diphyllobothrium latum). Four cases occurred in this region in patients who had eaten improperly cooked northern fish. The treatment of choice (Yomesan) is not licensed in Canada. It was obtained by special request from Northern Health Services, who obtain it by special request from the Bureau of Human Prescription Drugs in Ottawa.

Influenza. Influenza A and B were not a problem this year. Five hundred thirty doses of flu vaccine were distributed to doctors for their high-risk patients.

Diphtheria Contacts. A family at Lloydminster was in contact with a grandmother at Winnipeg who unexpectedly died from diphtheria. The family was given diphther toxoid and prophylactic antibiotics.

Meningococcal Meningitis. A child at Meadow Lake died from it. No other cases occurred.

Sexually Transmitted Diseases. All reportable STDs are now reported directly to the health region head office, before being reported to Regina. This reduces del and places direct responsibility for follow-up upon the regional staff. (See the STD Clinic report at the end of this annual report).

DIRECTOR AND MEDICAL HEALTH OFFICER'S REPORT

Prairie Rooms - were placarded resulting in considerable publicity.

Prolonged crying following DPT immunization - was reported on several occasions, especially from Lloydminster.

Use of Enterovioform and Lomotil by international travellers. A controversy erupted in the local press and medical community concerning the use of these drugs. I advised against their use.

"Battlefords Breakaway Generation Project". A community board (of which I am Chairman) was formed to make application for a federal grant to fund a non-smoking education program directed toward Grade 5 children in the Battlefords. As of March 31, 1984 we have not heard whether the project will be funded.

Chiropody Clinic. The floor plan for the chiropody clinic was completed. It will be located in our current prenatal class and meeting room. The scheduled starting date is July 1, 1984.

Meadow Lake Sewage System. Effluent from the lagoon flows through a creek back into the lake from which the town takes its water. People living along the creek have registered a complaint. This problem will be pursued in 1984.

Baby's Best Start Demonstration Project - was completed by March 31, 1984. It revealed that lay prenatal nutritional counselling probably can make a difference to the birthweights of babies born to at risk mothers, but only very few people can be reached by the counsellor.

Medical Officer Coverage of Rosetown Region. From September 1 to December 31, I was Medical Health Officer for Rosetown Region as well as Northern Saskatchewan. I made several trips to Rosetown and provided telephone consultation. I attended one Board meeting and accompanied the Senior Public Health Inspector to help solve some difficult sanitation problems.

Central-Regional Communications Committee. I was appointed to serve on this Committee which worked on improving communications and clarifying roles between regional and central staff.

Lloydminster City Health District. Because Lloydminster City has doubled in size over the past few years, it sought more representation on the Regional Board. Lloydminster City became Health District No. 7 on October 15, 1983. The size of the Regional Board increased from ten to twelve.

Lloydminster Office Space - continued to cause problems. The Judge in the Courtroom next door complained about noise on clinic days; heating was inadequate on cold days caretaking was inadequate at times; amount of space is also inadequate.

.....

Talks Given - (1) To nursing students concerning immunization and Department of Health Organization; (2) To laboratory technicians at Lloydminster Hospital and to nursing and laboratory staff at Battlefords Union Hospital concerning Hepatitis B vaccine; (3) To nursing staff of Northern Health Services, Rosetown Region and North Battleford Region concerning immunization, hepatitis, and international travel immunization; (4) To Lloydminster Home Care nurses concerning scabies and hepatitis; (5) To Public Health Inspectors annual in-service education course concerning hazardous materials spills and anhydrous ammonia safety; (6) To Dental Region staff concerning communicable disease.

Types of Meetings Attended - (1) Numerous meetings with staff, doctors, and other officials in Northern Saskatchewan; (2) Meetings with staff and Board in Rosetown Region; (3) In North Battleford Region, numerous senior staff meetings, nursing staff meetings, inspectors' meetings and Board meetings; (4) Medical Advisory Committee and Directors' meetings in Regina (and elsewhere, including Waskesiu);(5) a meeting amongst North Battleford doctors and Minister of Health concerning need for more Level 3 and 4 beds in the Battlefords; (6) Mr. Stan Malach, new Executive Director of Community Health Services Branch met with staff in North Battleford and Lloydminster on October 19 and 20; (7) Met Medical staff at several hospitals (Lloydminster, Maidstone, North Battleford, Dr. Cooke Nursing Home);(8) Attended a Lloydminster City Council meeting to explain role of district health councillors after Lloydminster City became a Health District.

Personal Inservice Education Seminars Attended - (1) Screening in public health practice.

Services to Northern Saskatchewan - Number of visits made: La Ronge (15); - meetings and consultations and inspect problems; La Loche (3) - two routine visits plus one urgent visit because of hepatitis outbreak; Buffalo Narrows (1) - routine visit; Ile-a-la-Crosse (3) - staff meetings; Meadow Lake (1) - met doctors concerning problems on west side; Saskatoon (1) - to interview prospective Medical Health Officers; Creighton (2) - routine visit and inspected problems; Beauval (1) and Green Lake (1) - routine visit; Sandy Bay (1) - regarding hepatitis; Prince Albert (1) - for annual staff meeting; Pinehouse (1) - routine visit; Cumberland House (1) - routine visit; and Wollaston Lake (1) - regarding substandard cafe.

Number of working days spent on the above activities equalled 37. Many additional hours were spent on telephone consultations and office work on behalf of Northern Health Services while I was at my North Battleford office. Numerous scheduled flights to La Ronge were cancelled because of bad flying conditions (fog, freezing rain and snow).

Regina Childbirth Education Association. This organization arranged with Mistikwa Community College to train lay prenatal class instructors. Local doctors expressed concern about lay people teaching prenatal classes. The doctors expressed support and confidence in the health region's prenatal classes. To date (end of March, 1984) no alternative classes have been held by the lay instructors. Apparently there is not enough demand for alternative classes.

P.F. Schnee, M.D., M.H.S.A.
Director and Medical Health Officer

NURSING SUPERVISOR'S REPORT

Roles of P.H.N. IIIs and P.H.N. IIs. The Public Health Nurse III role was revised and the new Public Health Nurse II supervisory role implemented. The districts previously serviced by P.H.N. IIs were distributed among the Public Health Nurse I positions, adding to their case loads. I am happy to report that the second Public Health Nurse II position was finally filled on a permaner basis by Miss E. Jean Bugg.

Scoliosis Screening. Besides the usual screening of children ages 5 and 6 and girls ages 11 and 12, the program was evaluated. Data was collected during the year and was tabulated. The results were analyzed and some recommendations were made which included discontinuation of screening 5 year olds.

Annual D.H.C. Meeting. Ms. Myrna Dirk, Director of Nursing, Community Health Services Branch, was guest speaker at the Regional Health Councillors meeting. Ms. Dirk gave an excellent presentation on the changing role of the P.H.N. II.

Public Presentations. There seems to be more public awareness of the role of the public health nurses. The nurses this year have been requested to give several presentations, among which were: Health and Fitness for Senior Citizens; Parents Working with Professionals; and Health and Hygiene (to nursery schools and day care centres). Several nurses participated in health education during nurses' week and non-smoking week, as well as career days and safe graduation presentations. Posters, pamphlets and slides were used for public information.

Early childhood team meetings were held in all the district offices, as well as conferences with school personnel to discuss children with special needs who were about to enter kindergarten.

Nursing Students. Diploma nursing students from the Kelsey Institute of Applied Arts and Sciences, continued observing home visits and prenatal classes throughout the year. We were also happy to have Professor Jean Innes and her nursing students from the University of Saskatchewan again with us this year. These seven nurses were completing clinical practice towards their B.Sc.N. degr

C.H.C. and Prenatal Review. The Regional Nursing Supervisor reviewed child heal conference attendance and prenatal class facilities keeping in mind utilization rates and standards.

Prenatal Classes. Classes for expectant parents continue to show an increase i attendance especially with fathers who are anxious to participate in prenatal group activities.

Inservice Education -- held in conjunction with staff meetings. Highlights of the year were a presentation on "Anorexia Nervosa" by Dr. Larbi Odei, Psychiatr North Battleford, and "Implications of Neurological History and Examination of Newborn" by Dr. Charlene Robertson, Pediatric Neurologist, Glenrose Hospital, Edmonton.

Baby's Best Start. The nurses played a major role in this project. They did mo of the casefinding and completed the prenatal screening questionnaires and the postnatal questionnaires. Their efforts contributed greatly toward the success ful completion of the project.

Thank you. I would like again this year to express my thanks to the nursing sta for their high quality of service during a most difficult year. The contributi of the clerical staff and the cooperation of other staff members are very much appreciated.

Miss M. Marshall
Regional Nursing Supervisor

NURSING SERVICES STATISTICS

	1981-82	1982-83	1983-84
Prenatal classes held	253	264	234
Home visits:			
- prenatal	480	446	501
- postnatal	1,138	1,020	1,062
- adults (over 65 years)	642	430	457
(other)	966	1,026	903
- special (mentally ill, handicapped)	328	193	158
- SAIL	559	485	421
- all other	668	130	303
Total	4,781	3,730	3,805
Official visits (school, doctors, hospital, etc)	1,823	1,873	2,165
Auditory Screening (tests & retests):			
- preschool	1,395	1,473	1,573
- referred to physician or SHAP	31	25	71
- school	885	1,012	892
- referred to physician or SHAP	41	41	181
- adult	47	92	112
Developmental Screening (DDST):			
- infants (0-1 yrs.)	3,459	3,194	2,875
- preschool	4,623	4,977	5,391
Scoliosis Screening (1981-82 and 1982-83 figures include only Grade 6 and 7 girls. 1983-84 figures include total scoliosis screening)	1,368	1,065	3,155
- referred	70	59	92
- treated	0	0	3
Immunization:			
Infants: Completed primary DPT	1,278	1,160	1,184
Completed primary OPV	1,357	1,428	1,190
Preschool: Completed primary DPT	182	173	171
DPT Boosters	2,349	2,678	2,681
OPV Boosters	2,402	2,764	2,703
MMR	1,488	1,566	1,490
Mumps only	193	80	6
Measles only	7	3	3
School: Completed primary DT	31	24	17
DT boosters	1,593	1,338	1,224
OPV boosters	1,614	1,290	1,239
MMR	218	75	52
Mumps only	109	53	26
Rubella only	537	546	530
Measles	95	6	4
Adult: (typhoid, cholera, tetanus, polio, etc.)	148	188	172

SENIOR PUBLIC HEALTH INSPECTOR'S REPORT

Introduction. Maintaining the public health inspection program for the fiscal year 1983-1984 was a bit difficult at times. This was due to the fact that we were short two Public Health Inspectors at times, and the Senior Public Health Inspector was on sick leave. We were fortunate to have a former Senior Public Health Inspector work the summer months, and then assist two days a week.

Problems. A former motel, the Prairie Rooms, in North Battleford, had all thirty-four rooms placarded under Section 37 of the Public Health Act because of heavy mouse and cockroach infestation, and filthy keeping. The placards were removed after the operator had the place cleaned up and an exterminator eliminated the pests. -- Several complaints were received during the year concerning the private sewage disposal systems on 1st Avenue East in the Town of Battleford. There are five sewer systems which consist of a septic tank and seepage pit. One system has malfunctioned and has sewage overflowing from the seepage pit. The building drains in the houses are lower than the Town sewer main, therefore they are unable to connect to the Town system. The Town is presently investigating the possibility of installing a lift pump in the area to have these houses connected to the Town sewer system. -- The Town of Cut Knife experienced problems with part of their water treatment plant. The slow sand filters clogged after several years of use. While the filters were being repaired, chlorinated raw water from the reservoir was put in the system for flushing of toilets and baths. The Town hauled water in from an approved source for drinking purposes and set up a depot at the fire hall. The sand filters were repaired and the system is back in full operation. -- Sanitation in a majority of the eating establishments in North Battleford has not been up to standards. However, the new Public Health Inspector for the City conducted more frequent inspections and the sanitation in them seems to be improving.

An operator of an eating establishment in the City of North Battleford had a stereo, a color television and a video-cassette recorder in the kitchen. Off duty staff and their friends would be sitting in the kitchen watching movies. The operator finally removed these items after being told four times. -- An eating establishment in the City of Lloydminster had a bad mouse infestation and was being operated in an unsanitary manner. Orders to clean up and exterminate the mice were issued. The premises voluntarily closed for two days to clean up. -- The Town of Meadow Lake is planning a new waste disposal ground, however, it is located within 1500 feet of several residences. Several residents in the area are opposed to this site. The Minister may approve a site with an isolation distance of less then 1500 feet if there is an adequate buffer area.

Progress. Five food handler courses were conducted in April of 1983, and three were conducted in February of 1984. There were 131 food service workers certified under the Saskatchewan National Sanitation Training Program. -- Four formaldehyde tests were conducted in private residences on a physician's request in the North Battleford Health

Continued .....

Region. The results of three of the tests were below the 0.1 ppm guideline where remedial action may be necessary. The fourth, a cabin, which was sheeted in the inside with K3 particle board was six times the recommended guideline level. -- During routine inspections of food premises, microwave ovens were tested by the inspectors. These tests show that there are many microwave ovens that have radiation leakage. The leakage is attributed to poor maintainance and cleaning of the microwave ovens. -- A considerable amount of time was spent conducting plumbing inspections during the summer of 1983. The popularity of the Federal and Provincial Housing Grants Program was responsible for this.

Comments. Over the past several years, since the Public Health Inspector Information System has been in operation, R.M.'s have been shifted from one district to another, without the proper changes being made to the information system. The computer printout on the inspection work done in each district was not accurate. The boundaries for each district have now been permanently changed and the information system accordingly updated. -- The inspectors and their respective districts appear below.

Elizabeth Klemetski
North Battleford & Major Centres

R.M.s 437 North Battleford
438 Battleford
468 Meota
468 Cochin

Meadow Lake & Major Centres

R.M.s 501 St. Walburg
561 Loon Lake
588 Meadow Lake
622 Goodsoil

Kim Lee
Unity and Major Centres

R.M.s 377
379 Landis
380 Scott
381 Salvador
382 Macklin
406 Maymont
408
409 Wilkie
410 Unity
411 Senlac
435 Hafford
436 Speers
439 Cut Knife
466 Mayfair
467 Rabbit Lake

Miss K. Allan
Lloydminster and Major Centres

R.M.s 440 Neilburg
442 Marsden
470 Paynton
471 Maidstone
472 Marshall
502 Lloydminster

Mr. Richard Koroluk
Turtleford & Major Centres

R.M.s 469 Edam & Vawn
497 Medstead
498 Glaslyn
499 Turtleford
529 Spruce Lake

Richard Koroluk
Assistant Senior P.H.I.

PUBLIC HEALTH INSPECTION SERVICES STATISTICS

Facility Type	No. of Facilities	No. of Inspections Year-to-Date	Avg. YTD Hours Per: Inspection	Facility
Eating Establishments	275	216	0.9	3.0
Food Distribution	167	12	1.3	0.6
Food Processing	20	8	1.1	2.0
Liquor Outlets	56	9	0.4	0.4
Communal Water System	47	10	0.9	0.9
Public Water Supply	41	0	0.0	2.2
Communal Sewerage Syst	54	15	0.9	0.8
Public Sewerage System	6	0	0.0	6.7
Solid Waste Disposal	83	26	0.7	2.2
Liquid Waste Transport	8	0	0.0	2.8
Hospitals	20	4	1.3	0.5
Schools	101	8	1.9	0.4
Institutions	66	33	0.9	1.4
Mobile Home Courts	6	0	0.0	0.5
Trailer Courts	1	1	1.0	6.0
Motels	51	42	0.8	1.0
Motels	41	29	0.9	1.2
Industrial Facilities	4	0	0.0	2.8
Swimming Pools	7	6	1.0	5.6
Personal Service Facil.	63	27	0.7	0.8
Recreational Facilities	159	23	1.0	0.9
Public Facilities	35	0	0.0	1.2
All Facilities	1,311	469	0.9	1.5

Activity Type	Hrs. Time Spent YTD	% Time Spent YTD
All Facilities	1,931	25.0
Private Water Supply	88	1.1
Private Sewerage Systems	117	1.5
Housing	284	3.7
Agricultural Facilities	78	1.0
Plumbing	386	5.0
Investigations	105	1.4
TOTAL Fac. - Related Ser.	2,989	38.6%
General Services:		
Travel	1,100	14.2
Meetings	243	3.1
Surveys	53	0.7
Monitoring	17	0.2
Training Courses	258	3.3
Other	82	1.1
TOTAL General Services	1,753	22.7%
Office Services:		
Projects	15	0.2
Staff Meetings	187	2.4
Staff Development	434	5.6
General Administration	2,356	30.5
TOTAL Office Services	2,992	38.7%
GRAND TOTAL - All Services	7,734	100.0%

NUTRITIONIST'S REPORT

Priorities

During the past year, my work focused mainly on prenatal nutrition, weight control information and community group presentations. Other responsibilities of the nutritionist's office included nutrition promotion in the schools and through the media.

Baby's Best Start

Throughout the year a major part of work time was dedicated to the continuation and final statistical compilation of the prenatal nutrition counselling pilot project, Baby's Best Start. A total of 767 pregnant women were assessed prenatally and 1,112 women were screened postnatally out of the total 2,064 births in the health region from January 1, 1982, to July 31, 1983. The project results will be analyzed during the coming year.

During the time of the project there were numerous meetings and planning sessions attended to share our experiences and maintain contact with head office.

Due to the time spent on the project other work-related invitations had to be postponed or declined.

Prenatal Classes

Prenatal classes that included my participation were conducted in the district offices of the region.

Consultation

My work as Regional Nutritionist has been as resource person to the public health nurses, hospital dietitians, various other professionals and to lay groups. The main source of contact with the education system has been through superintendents, teachers and public health nurses.

In-Service Education

I had the worthwhile experience of attending the Canadian Dietetic Association Convention, Calgary for professional development. This exposure to world renowned names in nutrition complimented and added to the Regional Nutritionist's meetings and the Saskatchewan Dietetic Association Conventions.

Maggie Pioro, P. Dt.
Regional Nutritionist

NUTRITIONIST SERVICES STATISTICS

I. GROUPS

	SESSIONS			ATTENDANCE		
	81-82	82-83	83-84	81-82	82-83	83-84
Prenatal Classes	28	26	26	466	358	437
Weight Control Groups	3	4	5	54	92	123
School Classes	1	-	1	25	-	32
Teacher/Superintendents/Preschool Workers Workshop	1	3	2	15	103	57
Community Groups	14	3	11	276	120	240
Interdisciplinary Groups	2	3	2	69	423	58
	49	39	47	905	1096	947

II. Media and Special Material Production

	81-82	82-83	83-84
Newspaper Press Release	52	57	54
Television Appearances	-	2	8
Bulletin Board Displays	2	3	2
Special Materials Developed:			
- Handout material	-	2	5
- Prenatal Project Promotion Screening and Assessment Forms	3	3	3
Nutrition Month Promotion - Lloydminster	-	-	1

III. Inservice and Orientation

Four Regional Public Health Nursing Conference presentations.
Orientation for two new staff members and one Regional Nutritionist on Saskatchewan Health Staff.
Inservice and orientation for two students.

IV. Information

	81-82	82-83	83-84
Queries for information, material or nutrition advice	620	669	463
Diet Therapy Consultations	31	66	107

EARLY CHILDHOOD PSYCHOLOGIST'S REPORT

The Early Childhood Psychology program has as its objective the early identification, improvement or correction, and prevention of developmental and learning problems in young children. Assessments service and program guidance, developmental and behavior suggestions are given to help parents and others provide for the special needs of children in their care.

Casework. Many children have been interviewed by the Early Childhood Psychologist in the past twelve months. The Alvin Buckwold Centre held travelling clinics in Meadow Lake and Lloydminster where assistance was supplied in working with children. Case conferences were routinely held with parents and school staff to discuss educational placements and program needs of many developmentally delayed and a few gifted children. District early childhood team meetings have been very helpful in co-ordinating services to children.

Early Childhood Intervention Programs. Approximately sixty children have been receiving home programs and support through the four programs that operate in the Health Region. The home teachers have visited a few more children this year but waiting lists have grown. Unfortunately, no funding has been available for native children with special needs. Parents and home teachers have been supported through assessments, joint home visits, and case reviews and admissions committee involvements.

Children in Day Care Programs. The special needs program provisions in Day Care Centres have increased. Staff in three centres were supported as they developed special programs and worked with the behavior of handicapped children. Together with other Health Region staff a workshop was organized to provide various ideas and materials to nursery school and day care workers.

Inservice Education. Updating in educational programs for children, health issues, current assessment and diagnostic techniques was gained from attending conferences in educational psychology and public health.

Consultation. Was given to the managers of Early Intervention programs as they interviewed and hired new staff. Consultation and training was provided to parent-aides being trained to work in high-risk homes with children and parents.

Prevention. Workshops were held with various parent and professional groups. Presentations were given on assessment techniques with young children, child development and behavior management concerns. Personal time was spent developing a simple computer quiz to increase public awareness of how young children grow and learn.

H.M. (Rik) Cherland
Early Childhood Psychologist

EARLY CHILDHOOD PSYCHOLOGY SERVICES STATISTICS

I. Area of Service

		% Time Spent		
		1983-84	1982-83	1981-82
a)	Casework	54	58	36
b)	Primary Prevention	5	1	3
c)	Consultation	12	11	18
d)	Community Development	2	4	12
e)	Research	0	0	0
f)	Inservice	4	4	3
g)	Travel	11	11	9
h)	Administration	9	11	19

II. Case Work Details

a) Reason for Referral	Current Year		Previous Year	
	Number of Children	Follow-up Services	Children	Follow-up
Developmental Problems	80	29	57	35
Behavioral Concerns	26	19	18	6
Multiple Problems	4	6	4	1
Other	4	5	6	3
Total Cases Seen	114	59	85	45
TOTAL VISITS	173		130	

b) Consultation held with parents or guardians concerning children not interviewed - 66
Children screened in brief interviews - 13

c) Referral Source

	Public Health Nurse	Parents	Speech Therapist	Physician	Social Services	Other	Tot
Number of Referral	58	14	29	8	2	3	11

d) Place of Assessment/Consultation

	Regional Office	District Office	Home	Other	Total
Number of Cases Seen	46	75	32	20	173

III. Prevention/Education Details

a) Presentations = 5
b) Number of People Participating = 106

SPEECH AND LANGUAGE PATHOLOGISTS' REPORT

The objectives of the speech/language pathology program are to prevent delays in communicative growth and prevent more serious and associated handicaps.

There are two Speech/Language Pathologists in the Region; Orlene Martens, serving Lloydminster-Unity and Bonnie Robertson serving North Battleford-Meadow Lake. While Bonnie Robertson was on maternity leave, Orlene Martens also covered the North Battleford-Meadow Lake areas.

Casework. Approximately 70-75% of time is spent on diagnosis and intervention. Assessment and therapy clinics have been held approximately two times a week in Lloydminster and North Battleford and twice a month in Unity and Meadow Lake. Occasional home visits were made at Maidstone and St. Walburg. Age priority was given to preschoolers and adults. Language, articulation, voice, fluency and multiple handicapping disorders were given clinical priority. However, many children do not receive as much direct therapy time as they require because caseload demand exceeds the time available.

Various types of intervention were implemented such as home programming, direct individual therapy, group therapy, and third party programming. Third party programming means that the child or adult was enrolled in an existing program such as the Kiwanis Parent Partner Program, Battleford Regional Care Communication Program, Day Care Special Needs Program, and Early Childhood Intervention Program in Lloydminster, Meadow Lake, North Battleford and Unity (covered by the Kerrobert Early Childhood Intervention Program). In these cases, the role of the Speech/Language Pathologist was to provide consultation and/or supervision to the program coordinators.

The Alvin Buckwold Centre travelling team spent two days in Lloydminster assessing children at-risk for developmental problems. Orlene Martens and Rik Cherland, Early Childhood Psychologist, were actively involved in the multidisciplinary process.

Public Education. A number of activities designed to impart information to other professionals and to the general public on normal speech/language development and communication disorders were implemented. For example, a preschool workshop was held in North Battleford for nursery school/day care personnel; presentations were made to parents involved in Early Childhood Intervention Programs; a mall display was arranged and a variety of articles were written for publication in local newspapers in an effort to publicize speech and hearing month (May). We would like to have time for more public education, but caseload demands prevent this.

Professional Development. Various professional development seminars were attended to upgrade and maintain clinical and organizational skills. These included: Cleft Palate Symposium; Neurological Assessment of the Newborn; Workshop on Workshops; Prediction in the Preschool Years.

We also attended quarterly meetings of Regional Speech and Language Pathologists.

Orlene Martens and Bonnie Robertson
Speech and Language Pathologists

SPEECH AND LANGUAGE SERVICES STATISTICS

DISTRIBUTION OF WORKING TIME 1983-84

Casework	72%
Public Education	8%
Professional Development	3%
Administration	5%
Travel	12%

STATUS OF CASES

Number of New Referrals Received in 1983-84 181
Number of Assessments Completed in 1983-84 194
Number of Treatment Sessions Given in 1983-84 542

	WAITING FOR ASSESSMENT	ASSESSED - WAITING FOR THERAPY	IN THERAPY ON A PROGRAM	WAITING FOR REVIEW	TOTAL
March 31, 1982	11	9	53	99	172
March 31, 1983	50	14	72	88	224
March 31, 1984	53	8	74	52	187

SEXUALLY TRANSMITTED DISEASES CLINIC REPORT

Although the clinic structure itself remained much the same, there was a change in the reporting of venereal infections throughout the province. The previous reporting mechanism consisted of direct reporting by each physician, hospital or clinic to Communicable Disease Control in Regina. This information is now directed to the Medical Health Officer in each individual Health Region. This hopefully will speed up the process considerably as well as facilitate closer communication between the Medical Health Officer, the physicians, and the nurses involved in contact tracing. Regina will remain the central recording centre for all venereal infections and will continue to provide consultation services as well as treatment schedules for Sexually Transmitted Disease Control.

The clinic hours remain the same at the North Battleford Clinic:

Monday and Wednesday:	1:15 p.m. to 5:00 p.m.
Thursday:	2:30 p.m. to 6:00 p.m.

The main sexually transmitted diseases continue to be: Gonorrhea, Syphilis, Yeast Infections, Trichomonas Vaginalis, Venereal Warts, Pubic Lice, Genital Herpes and Non-Gonococcal Urethritis caused by Chlamydia. This infection has increased dramatically in the past two or three years.

There were a total of two hundred five patient visits to the clinic during this past year, up fifty-five from the previous year. The number of patients referred to the clinic by their family doctors was ten.

Educational presentations increased from last year. These included:

- Fifteen schools were visited in this Health Region.
- A total of twenty-four class presentations were done in these schools.
- Inservice education was provided at two public health nursing conferences, one at Rosetown and one at North Battleford.
- Three presentations were made to Home and School Associations.
- Four groups requested films and presentations.

A current need in the field of Sexually Transmitted Disease Control is up-to-date informational materials for public education.

Ann Rowley
Nurse II
Sexually Transmitted Disease Clinic